

Product Datasheet

Onjisaponin B (orb1218110)

Catalog Number	orb1218110
Category	Small Molecules
Description	Onjisaponin B induces autophagy via the AMPK-mTOR signaling pathway, increases the NGF level and accelerates both the removal of mutant huntingtin and A53T $\alpha\pm$ -synuclein, it may have potential therapeutic effects on Parkinson disease, Alzheimer disease and Huntington disease.
Target	AMPK
Purity	>98% (HPLC)
MW	1573.69
Target Areas	AMPK Autophagy mTOR
Solubility (25°C)	In Vitro: DMSO : 100 mg/mL (63.55 mM)
CAS Number	35906-36-6
Formula	C ₇₅ H ₁₁₂ O ₃₅
SMILES	<chem>OC[C@](C1=CC[C@]2([H])[C@]3(C[C@H](O)[C@@H]4O[C@]([C@@H]([C@@H](O)[C@@H]5O)O)([H])O[C@@H]5CO)C)(CC[C@]6(C(O[C@H](O[C@H](C)[C@H](OC/C=C/C7=CC=C(OC)C=C7)=O)[C@@H]8O[C@@](O[C@@H](C)[C@H](O)[C@H]9O)([H])[C@@H]9O)[C@@H]8O[C@@](O[C@@H](C)[C@H](O[C@@](OC[C@@H](O[C@]([C@@H]([C@@H](O)[C@H]%10O)O)([H])O[C@@H]%10CO)[C@@H]%11O)([H])[C@@H]%11O)[C@H]%12O)([H])[C@@H]%12O)=O)[C@@]1([H])CC(C)(C)CC6)[C@@]2(CC[C@@]3([H])[C@]4(C)C(O)=O)C</chem>
Storage	Storage temperature: -20°C. Stability: ≥ 2 years
Note	For research use only

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Expiration Date

12 months from date of receipt.

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